

Supplementary files

Supplementary table S1 Costs of medication ¹

	Calculation base	Costs
DMARDs		
Methotrexate		
• Oral	2.5mg tablet	€0.18
• Subcutaneous		
○ 2.5 tot 10 mg	per piece	€13.72
○ 12.5 tot 20 mg	per piece	€27.45
○ 22.5 tot 25 mg	per piece	€34.31
Sulfasalazine (oral)	500mg tablet	€0.11
Hydroxychloroquine (oral)	200mg tablet	€0.14
Leflunomide (oral)		
• 20 mg tablet	per piece	€1.48
• 10 mg tablet	per piece	€1.14
Glucocorticoids		
Prednisone (oral)		
• Oral	5mg tablet	€0.05
Triamcinolone (im)	80mg	€6.72
Methylprednisolone (im)	120mg	€6.74
Biologicals		
Etanercept (sc)		
• 25 mg	per piece	€105.63
• 50 mg	per piece	€211.25
Adalimumab (sc)		
• 20 mg	per piece	€269.22
• 40 mg	per piece	€538.44
Certolizumab (sc)		
• 200 mg	per piece	€505.77
Golimumab (sc)		
• 50 mg	per piece	€1125.84
Abatacept (sc)		
• 125 mg	per piece	€277.95

Supplementary table S2 Reference prices for medical consumption²

	Reference price
Standard healthcare	
Inpatient day	
• General hospital (day)	€461
• University hospital (day)	€668
Intensive care unit (day)	€1234
Daycare treatment (day)	€495
Outpatient visit	
• Specialist	
○ General hospital	€83
○ University hospital	€170
Emergency room visit	€269
Primary care physician	€34
Paramedical care	
• Physical therapy	€34
• Occupational therapy	€34
• Speech therapy	€31
• Dietary advice (hour)	€31
Mental healthcare	
• Social worker	€68
• Psychologist	€67
Complementary medicine	
Alternative medical systems	
• Homeopathic treatment	€31

Supplementary table S3 Average hourly productivity costs, stratified for age and sex^{3,4}

Age (years)	Men	Women
15 to 19	€ 8.77	€ 7.97
20 to 24	€ 16.56	€ 16.13
25 to 29	€ 22.53	€ 23.12
30 to 35	€ 28.14	€ 27.81
35 to 40	€ 33.91	€ 30.62
40 to 45	€ 39.13	€ 30.87
45 to 50	€ 42.61	€ 29.67
50 to 55	€ 44.13	€ 28.75
55 to 60	€ 44.48	€ 28.68
60 to 65	€ 43.34	€ 28.83

Supplemental table S4 Comparison of imputed data versus complete cases

	Complete cases	Imputed dataset	Difference	P value
EQ5D, mean (sd)	0.83 (0.16)	0.83 (0.15)	0.002 (0.0053)	0.69
Paid work, proportion (se)	0.506 (0.0019)	0.506 (0.0019)	0.0002 (0.0027)	0.94
LOG days with productivity loss, mean (sd)	1.80 (0.82)	1.80 (0.81)	0.000027 (0.0066)	1
Productivity score, mean (sd)	7.63 (1.81)	7.63 (1.81)	0.000000070	1
LOG number of times absent due to sick leave, mean (sd)	0.26 (0.53)	0.26 (0.53)	0.00000067	1
Duration of sick leave, mean (sd)	2.94 (2.49)	2.94 (2.49)	0.00070	0.97
Working hours per week, mean (sd)	30.3 (11.8)	30.3 (11.7)	0.0015	0.99

EQ5D: EuroQol with 5 dimensions; sd: standard deviation

REFERENCES

1. Zorginstituut Nederland. Medicijnkosten. 2019. <http://www.medicijnkosten.nl> (accessed 18-08-2019 2019).
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3. Statline C. Beloning en arbeidsvolume van werknemers. 2019. <https://opendata.cbs.nl/statline/#/CBS/nl/dataset/84165NED/table?dl=217EE&ts=1566303305202> (accessed 01-06-2019 2019).
4. Statline C. Beloningsverschillen tussen mannen en vrouwen. 2019. <https://opendata.cbs.nl/statline/#/CBS/nl/dataset/81901NED/table?dl=217EC> (accessed 01-06-2019 2019).